DOCUMENT RESUME

ED 187 697 SP 016 123

TITLE Certification Laws and Regulations. Bulletin VI (Revised, 1979).
INSTITUTION Arkansas State Dept. of Education, Little Rock.
PUB DATE 79
NOTE 98p.

EDRS PRICE MF01/PC04 Plus Postage.
DESCRIPTORS *Administrator Qualifications; *Certification; *State Standards; *Supervisor Qualifications; Teacher Certification; *Teacher Education; *Teacher Qualifications
IDENTIFIERS *Arkansas

ABSTRACT

This bulletin contains state regulations on the preparation and certification of Arkansas teachers, supervisors, and school administrators. The contents and recommended standards are based on the school laws of Arkansas dealing with teacher education and certification, on State Board of Education regulations, and on commonly accepted standards for teacher certification. (JD)

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CERTIFICATION LAWS AND REGULATIONS

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PUBLISHED BY

ARKANSAS DEPARTMENT OF EDUCATION

SP 016 123

CERTIFICATION LAWS
AND
REGULATIONS

BULLETIN VI (REVISED, 1979)

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FOREWORD

This Bulletin concerns the preparation and certification of Arkansas teachers, supervisors, and school administrators. The contents and recommended standards are based on the school laws of Arkansas dealing with teacher education and certification, State Board of Education regulations and commonly accepted standards for teacher certification.

The contents of this Bulletin represent the thinking of many professional groups of educators in the State. The standards represent the experiences which these groups felt would prepare a teacher, a supervisor, a specialist, or an administrator for the respective educational role which each will play in our schools. For this reason, wide participation was extended to many groups including committee members from the public schools, the colleges and universities and the many professional groups concerned with teacher preparation.

Standards in this Bulletin have been adopted by the State Board of Education as the official requirements for certification of the professional educators of Arkansas.

We believe these standards represent another step in the development of quality education. I commend the professional and lay groups of the State for the dedicated work and long hours given in the development of these standards. In view of this, we proudly present these standards for guidance in teacher education programs and certification of professional public school personnel.

We acknowledge with appreciation the contribution which has been made toward the development of these standards by the Advisory Council on Teacher Education and Certification.

Don R. Roberts, Director
Department of Education

ARKANSAS

LAWS AND REGULATIONS GOVERNING THE

CERTIFICATION OF TEACHERS, ADMINISTRATORS,

AND SUPERVISORS

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Department of Education

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I. GENERAL INFORMATION AND REQUIREMENTS

This part of the bulletin contains information which should be read by every prospective teacher and school superintendent and gives basic information to everyone who desires to secure a teacher's, administrator's or supervisor's certificate.

A. CERTIFICATE REQUIRED OF ALL TEACHERS

1. Act 431, creating the State Board of Education approved June 1, 1911, contains the following section providing certification of teachers: "The State Superintendent of Public Instruction, under the supervision of the State Board of Education, may issue state or professional licenses based upon state teachers' certificates granted in other states, or based upon normal school diplomas, or degrees from educational institutions..."

2. All teachers engaged in teaching in any public school of Arkansas are required to possess a valid certificate. Section 11454 of Pope's Digest states: "...no teacher shall be employed to teach in any public or common school of the state unless licensed by the State Board of Education to do so."

3. Section 6 of Act 329 of the Acts 1941 delegates sole authority for certifying to the State Board of Education in the following language: "After the date of the passage of this Act, authority for the issuance and renewal of all teachers' certificates shall be vested in the State Board of Education."

4. Qualification of applicants: To be eligible to secure a teacher's certificate an applicant must be at least 18 years of age and not over 72,* must be of good moral character and believe in a Supreme Being. "All school teachers shall present a certificate of health stating that said individual is free from any and all forms of contagious or infectious diseases, including tuberculosis. The certificate of health shall be presented to the secretary of the school board before a contract shall be entered into between the school board and said applicant." (Ark. Stat, Ann., 1947, Sec. 80-1210).

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*Teachers who are members of the Teacher Retirement System are automatically separated on July 1 following their 72nd birthday by provisions of Act 93 of 1957.

5. The State Board of Education shall promulgate rules and regulations for certifying teachers in the public schools of this state. After January 1, 1980, any person applying for initial certification as a teacher in the public schools or a certified teacher applying for certification in an additional area shall in addition to other requirements, take and complete the National Teacher's Examination or a similar examination designated by the State Board of Education and submit the scores to the Department of Education. The State Board of Education shall, between January 1, 1980 and January 1, 1982, evaluate the performance of Arkansas teacher certification applicants on the NTE or other designated examination and determine the level at which the examination is satisfactorily completed for the purposes of certification as a teacher in the State of Arkansas. After January 1, 1982, no applicant for initial certification or certification in an additional area shall receive a certificate unless the applicant scores at or above the minimum level set by the Board. (Act 162, 72nd Gen. Assembly, Reg. Session, 1979).

   a. The following are regulations for implementation of Act 162 of 1979:

      1. Teachers seeking initial certification in Arkansas will take the National Teacher's Examination (NTE) including the common and appropriate area examination if one exists.

      2. Persons seeking vocational permits will be required to take the National Occupational Competency test if one exists.

   b. Certified Arkansas teachers adding a teaching area will be required to take the area examination if one exists. If there is no area examination, they will be required to take the common examination.

   c. Applicants unable to meet Arkansas renewal requirements without additional work will meet the same requirements as those persons seeking certification in an additional area.

   d. Clarification of the appropriate tests:

      1. Provisional Elementary certification will require that the applicant complete the common and area examination.

2. Middle School certification will require that the applicant complete either the common examination, the upper Elementary, or the appropriate area examination.

3. Those applicants seeking the Elementary (1-6) certificate can elect to take either the Early Childhood Education (below grade 3) or the Education in the Elementary School (grades 3-8) area examination.

4. K-6 Elementary certification will require that the applicant complete the Early Childhood Education (below grade 3) examination.

5. Graduate Secondary certification will require that the applicant complete an area examination.

6. ROTC certification will require that the applicants take the common examination.

7. Administrator, Elementary Principal, Secondary Principal, Curriculum Specialist K-12, and Supervisor's certificates will require that the applicants complete the Educational Administration and Supervision test.

8. Adult Education certification requires that the applicant complete the common examination.

9. Library Media certification requires that the applicant complete the common examination.

10. Library Media Specialist and Library Media Administrator's certification requires that the applicant complete the area examination.

11. Graduate Elementary certification will require that the applicant complete either the Early Childhood Education (below grade 3) or the Education in the Elementary School (grades 3-8) area examination.

12. Speech Therapy certification requires that the applicant complete the common examination.

13. Speech Pathology certification requires that the applicant complete the common examination and the area examination.

14. Health Education certification requires that the applicant take and complete the common and the area examination in Physical Education.

e. The certification office will only consider scores sent directly from the Educational Testing Service, or by the administrator of the National Occupational Competency test.

6. Registration of certificates: A teacher's certificate is not valid until it has been registered in the office of the county in which the applicant is teaching. Immediately upon receipt of the certificate, the teacher should forward it to the county supervisor to be recorded. This enables the officer to furnish the county treasurer with a list of properly certified teachers in the county who may legally be paid from public funds as required by law. Section 11606 of Pope's Digest states: "...no license shall be valid in any county until it has been registered in the office of the county supervisor of that county ..."

7. Uncertificated teaching prohibited: Sub-section (b) of Section 4 of Act 135 reads: "all warrants issued in payment of teachers' salaries are void unless the teacher has a valid teacher's certificate filed in the county supervisor's office, and has been employed by a valid, written contract and copies of such contract are on file in the offices of the county treasurer and the county supervisor." "...the county supervisor or the superintendent of schools and his surety shall be liable for any warrants which he countersigns in payment of teachers' salaries unless and until there is a valid teacher's certificate and contract for such teacher on file in the county supervisor's office. The county treasurer and his surety shall be liable for all warrants in payment of teachers' salaries which he pays unless and until there is a valid contract on file in his office and has received written notice from the county supervisor of the fact that a valid teacher's certificate has been filed in the office of the county supervisor for each teacher."

8. Tenure of standard certificates: While no certificates are issued for life, except to personnel who are officially on Teacher Retirement, provision is made for a high degree of permanency. Satisfactory teaching experience is the professional requirement for reissue of the highest type of state certificates. Specific requirements for renewal are given elsewhere in this bulletin.

9. Effective September 1, 1972, teachers holding a six-year Elementary or Secondary certificate may be issued a ten-year certificate upon completion of a Master's degree in any area of certification listed on the valid six-year certificate.

10. Certification reciprocity: An applicant who has completed a teacher training program in another state and who holds or is eligible to hold a valid teaching certificate based on such certification, may receive an Arkansas standard teaching certificate if one of the requirements listed below is met:

    a. The applicant shall have completed a teacher education program in an institution accredited by the National Council for the Accreditation of Teacher Education (NCATE) at the time of graduation and be recommended by the certifying officer of the college to be certified in his/her major area(s) of preparation.

    b. The applicant shall have completed a teacher education program approved by a State Department of Education on the basis of standards specified in Standards for State Approval of Teacher Education (Revised), or equivalent standards, and be recommended by the college certifying officer for his/her major area(s) of certification.

    c. The applicant shall have completed a teacher preparation program approved by the state agency for the certification of teachers and show proof of one year of successful teaching experience during the last three years in the field of certification in a school accredited by the state accrediting agency. These requirements must be comparable to those of the State of Arkansas.

d. Applicants who return to the state agency responsible for the issuance of teaching certificates for an additional endorsement or certification area, must meet comparable requirements to those of the State of Arkansas. They must have a teacher's certificate in the area requested, must be verified by the appropriate state agency, and must show proof of one year of successful teaching experience in the field of certification during the last three years.

If the applicant has taught in the last six years, he/she will be eligible to receive an Arkansas standard teaching certificate, provided one of the above conditions are met. If the applicant has not taught during the last six years, completion of six hours of prescribed work will be required.

Certificates issued under the above plan shall relate to the certification of classroom teachers only.

11. Revocation of a certificate: The authority to revoke the certificate of a teacher for cause is vested in the State Board of Education by law. The statute reads: "The State Board of Education may revoke the license of any teacher for cause, but only after a hearing before the Board upon reasonable notice to such teacher on a written copy of the cause to be considered." Section 11625, Pope's Digest. A teacher whose license has been revoked in another state must first be reinstated in her state before issuance of a license by the State of Arkansas. Sec. 80-1214.1 Pope's Digest -- The State Board of Education may revoke the license of any superintendent or supervisor in any and every instance where the State Comptroller has found it necessary to proceed upon the bond of said superintendent or supervisor to recover funds wrongfully used. Revocation shall be mandatory in any and every instance where recovery on said bond is had.

12. Correspondence, Extension, and Residence Regulations: The State Board of Education established, effective September 1, 1946, the following regulations regarding credit allowed for certification purposes on work done by correspondence, extension, and residence. An applicant may submit a maximum of 12 consecutive semester hours done by correspondence and/or extension, to be followed by 6 semester hours in residence, after which

time the applicant may again submit a maximum of 12 semester hours by correspondence and/or extension so long as it is in line with the Bachelor's degree and will qualify for the six-year certificate. Not more than 25% or 31 semester hours, credit by correspondence and/or extension is acceptable toward a Bachelor's degree. For teachers employed full-time, a maximum of 6 semester hours of credit taken during the regular school term may be applied toward certification improvement, so long as it is approved as making progress toward graduation by the college by which the degree will be conferred. This includes residence courses taken on Saturday and in evening classes, but does not include summer and short terms.

B. HOW TO APPLY FOR A STANDARD CERTIFICATE

If you have completed a teacher preparation program or hold a certificate in another state:

1. Formal Application: The applicant must file a formal application for a certificate with the office of Teacher Education and Certification, Department of Education, Little Rock, Arkansas 72201.

2. Arkansas institutional graduates seeking initial certification should do the following:

   a. Secure a teacher application form from the registrar's office or the certifying office in the institution.

   b. Complete the application and secure a signed recommendation, by the institutional certifying officer.

   c. Have the college submit application and official transcript to the office of Teacher Education and Certification. The address is provided on the application for the certificate.

3. Graduates of institutions other than those in the state of Arkansas should do the following:

   a. Secure an application for a teacher's certificate from a Superintendent of Schools, Dean, or Registrar at an Arkansas institution, or the Arkansas Department of Education, Teacher Education and Certification section.

b. Complete the application and return the application to the institution where the Bachelor's degree is earned and ask for a signed recommendation and an institutional recommendation from the institution, stating a teacher preparation program was completed and that the person is trained to teach in a specific area or subject.

c. Furnish us with a copy of the teaching certificate where the applicant completed their teacher preparation program.*

d. Have the college submit an official transcript to the office of Teacher Education and Certification. The address is provided on the application for the certificate.

4. Effective July 1, 1978, transcripts of fully certified teachers will not be retained in the office of Teacher Education and Certification. The office will retain a teaching certificate of the individual, along with other information compiled by the computer and micro-fiche system.

5. Effective July 13, 1977, confidential individual records of the Teacher Education and Certification section will be confined to the Teacher Education and Certification section. Records will be reviewed only in the certification office and staff members who review the records must list their names, the name of the person to whom the records belong, date, and reason for reviewing the record.

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*If an applicant from another state applies to our office for a certificate, and does not possess a valid certificate from another state, then the applicant will be required to contact an Arkansas teacher education institution in order to obtain a program which will lead to their becoming fully certified in the field(s) of their choice.

C. HOW TO MAKE APPLICATION FOR RENEWAL OF CERTIFICATE OR PERMIT

1. Any standard certificate may be renewed upon fulfillment of any of the following requirements:

   a. Completion of at least two years of successful teaching, administrative, or supervisory experience during the lifetime of the expiring certificate.

   b. Completion of successful teaching, administrative, or supervisory experience during the entire last year in which the certificate is valid.

   c. Successful completion of six additional semester hours of appropriate credit in a regionally or nationally accredited institution.

2. All provisional certificates will be valid for a period of ONE YEAR ONLY. Renewal will require six semester hours of additional college credit per year toward removing deficiency and must be earned in a fully accredited institution of higher learning.

3. Any deficiencies in the requirements leading to the appropriate six-year certificate may be made up at either the graduate or undergraduate level but in addition to the minimum requirements for the graduate degree.

4. No standard certificate of any kind will be issued with deficiencies.

5. No regular certificate can be initially issued or renewed when experience or training has not taken place within the last six years.

D. SPECIAL PROVISIONS

1. Teachers who have reached the age of 57 holding a permit based upon LESS than the Bachelor's degree with a minimum of 10 years or more of experience in Arkansas schools, may renew this permit so long as they continue to teach satisfactorily and are recommended by their employing superintendent or school board.

2. Retired teachers, administrators, or other professional school personnel holding the regular six or ten-year certificate will be granted, upon request, a lifetime certificate of the same type held at the time of retirement. The usual application for renewal is required in such cases accompanied by a statement of official retirement and executed by the executive secretary of the teacher retirement system.

E. PROVISIONAL CERTIFICATES

1. An applicant who holds a Bachelor's degree from a fully accredited institution and meets one of the four requirements listed may be eligible to receive a Provisional certificate.

   a. Applicant has certifiable field, but did not complete a recommended teacher education program including directed teaching.

   b. Applicant holds a standard certificate in another state based on completion of the state's teaching requirements, but is not eligible for certification in Arkansas under the certification reciprocity policy.

   c. Applicant who has completed a teacher preparation program from another country that equals or exceeds the requirements for Arkansas teachers, and is recommended by the certifying officer of an Arkansas institution which offers an approved graduate degree program.

   d. An applicant who completed a teacher training program and held a standard certificate which has expired.

2. The Provisional certificate will be issued only when:

   a. The superintendent of schools where the applicant will be employed has filed a written statement in the office of Teacher Education and Certification verifying that the district is unable to employ a certified teacher acceptable for the assigned teaching area.

b. The filed statement affirms that the applicant will be employed by the school district for the current school year.

F. CHANGE FROM THE SIX-YEAR HIGH SCHOOL CERTIFICATE TO THE ELEMENTARY CERTIFICATE OR VICE VERSA

1. Teachers who possess a six-year high school certificate or a six-year Elementary certificate may change to the other type of certificate by completing college courses in an approved institution qualifying the graduate in the Secondary or Elementary school curriculum prescribed for the certificate.

G. PROGRAM APPROVAL - EFFECTIVE JULY 1, 1973

1. Institutions of higher learning in Arkansas whose teacher training programs are approved by the National Council for Accreditation of Teacher Education will submit to the Teacher Certification section of the Department of Education a complete transcript of all work done by the candidate along with a regular application form furnished by the State for that purpose. The transcript will show the field or fields for which the candidate is qualified to teach and will be recommended by the appropriate official or officials designated by the institution for the certification of such information.

2. The standard certificate may be issued by the Teacher Education and Certification section of the Department of Education in the field or fields for which the candidate has been recommended for approval. (Must comply with Act 162 of the 72nd General Assembly, Reg. Session, 1979).

3. Effective January 1, 1979, the State Department of Education will implement a state approval and on-site visitation evaluation of teacher education programs in the institutions of higher learning in Arkansas as outlined in A Manual of Procedures for Approving Arkansas Teacher Education Institutions and Programs. (A copy of the manual is on file in the Department of Education, Teacher Education and Certification section).

The existing accredited teacher education programs in the institution will be recognized until it is reviewed. The

NCATE Standards for the Accreditation of Teacher Education Programs will be the instrument used to evaluate the teacher education programs. Each teacher education program or proposed program submitted for state approval shall meet the certification requirements as stated in the current Laws and Regulations Governing the Certification of Teachers, Administrators, and Supervisors.

4. Renewal of the certificate issued under these regulations shall be subject to the same requirements which apply to other teaching certificates.

5. Periodically the Arkansas Department of Education will take appropriate steps to insure the validity of submitted transcripts and to determine that each approved institution meets or exceeds the minimum standards of certification as established by the Arkansas State Board of Education.

   a. Limitations:

      1. This policy shall relate only to the certification of classroom teachers.

      2. Recommendations of applicants for certification are limited to the applicant's major field or fields of study.

      3. These recommendations shall be used only for those applicants who are graduates of a program which is currently accredited.

      4. Recommendation must be made in terms of certification categories approved by the Arkansas Department of Education; that is, one cannot be recommended for a certificate or teaching field which has not been approved.

H. PROCEDURE TO BE FOLLOWED BY DEGREE PERSONS WHO HAVE NOT COMPLETED A TEACHER PREPARATION PROGRAM OR CERTIFIED TEACHERS SEEKING ADDITIONAL CERTIFICATION AREAS

1. These individuals must return to an accredited teacher preparation institution and have a plan developed which will lead to certification.
2. A written deficiency and removal plan, planned and negotiated cooperatively by the student and the designated certifying officer from an NCATE accredited teacher education institution, shall be completed and adhered to. These courses may be taken at other institutions if approved by the contracting institution.

3. No applicant for initial certification may be certified with less than a minimum of the Bachelor's degree. (Not applicable to trade teachers or vocational permits).

II. ARKANSAS ADVISORY COUNCIL ON TEACHER EDUCATION AND CERTIFICATION, EFFECTIVE JANUARY 1, 1975

A. REQUIREMENT

1. An Arkansas Advisory Council on Teacher Education and Certification shall be established and appointed by the Director of the Department of Education, subject to the approval of the State Board of Education, for the purpose of generating and receiving recommendations about teacher education and certification from the teaching profession and the public.

2. The name of the Council shall be the Arkansas Advisory Council on Teacher Education and Certification.

3. The Council shall continue to function as long as the State Board of Education feels it is making a worthwhile contribution to elementary and secondary education.

B. PURPOSES AND FUNCTIONS

1. The Council will serve in an advisory capacity to the Department of Education and the State Board of Education in matters related to teacher education, teacher preparation, certification, and inservice education programs. In fulfilling its purpose, the Council shall have the following minimum responsibilities:

   a. To participate as an advisory body in the formulation, implementation, and review of teacher education and certification policies.

   b. To serve as a channel of communication between the State Department of Education, the profession, the teacher education institutions, and the public.

   c. To conduct a continuous review of standards for issuance of certificates and of the enforcement of

certification regulations and to make recommendations regarding such matters to the Department of Education and the State Board of Education.

d. To make recommendations regarding procedures for accreditation of preservice teacher education programs.

e. To recommend the studies that need to be generated in the field of teacher education and certification.

C. MEMBERSHIP

1. The Advisory Council shall consist of 19 voting members who shall be appointed by the Director of the Department of Education, subject to the approval of the State Board of Education.

2. The Council shall consist of five administrators, eight classroom teachers, three teacher educators from public and private colleges, two lay persons, and one college student in teacher education. Ex-officio non-voting members shall include two State Board members, two State Department of Education staff members, and one Arkansas Education Association staff member. The State Board of Education shall determine its method of selecting its representatives. The two ex-officio members from the Department of Education shall be the Associate Director for Instructional Services and the Coordinator of Teacher Education and Certification. The ex-officio member from the Arkansas Education Association shall be the Assistant Executive Secretary for Information and Instruction.

D. TERM OF OFFICE, VACANCIES

1. The term of office of a voting member shall be three years, except that the student member shall serve a one-year term. At the initial meeting of the Council, eighteen members shall draw for terms; six members shall serve a one-year term, six a two-year term, and six a three-year term. Thereafter, six members shall be appointed annually for a term of three years. The student representative shall be appointed to a one-year term and shall not be eligible for reappointment. Members other than the student shall

be eligible for reappointment for one additional consecutive term. The term of office shall correspond to the calendar year.

2. In case of a vacancy, the Director of the Department of Education shall make an appointment for the unexpired term, subject to the approval of the Board.

E. ORGANIZATION

1. The Director of the Department of Education shall annually appoint a chairman from the membership of the Council who shall be eligible for reappointment. The Council shall annually select a vice-chairman. The Associate Director for Instructional Services shall serve as Secretary of the Council and shall keep a record of its proceedings.

2. A majority of voting members of the Council shall constitute a quorum for the transaction of business.

F. EXPENSES OF MEMBERS

1. Members of the Council shall receive no compensation but shall receive actual and necessary travel and usual expenses incurred in attending Council meetings. The payment of travel and expenses shall be subject to the approval of the Chief Fiscal Officer of the State.

G. MEETINGS

1. The Council shall meet at least annually with additional meetings to be held at the call of the Chairman or a majority of the voting members.

III. GENERAL EDUCATION REQUIREMENTS

A.	English (excluding Speech, Journalism & Humanities) (Effective September 1, 1980 will include a course in Oral Communication and exclude Journalism and Humanities).....	12 sem. hrs.
B.	Biological Science, Physical Science, and Mathematics (one course in each).....	9 sem. hrs.
C.	Social Studies (including a course in U. S. History and a course in U. S. Government).....	12 sem. hrs.
D.	Physical Education (including Health and Safety).....	6 sem. hrs.
E.	Electives (in fields other than major).....	9 sem. hrs.
		48 sem. hrs.

IV. STANDARD ELEMENTARY CERTIFICATES AND SPECIALISTS CERTIFICATES

A. SIX-YEAR ELEMENTARY CERTIFICATES

1. Professional Requirements

   Education -- 18 semester hours of Elementary Education including: (1) study of the school, of the learning processes, and of Elementary teaching, including a Methods course in Reading, and (2) six semester hours of Directed Teaching.*

2. Specialization Requirements for Six-Year Elementary Certificates

Public School Art	3 sem. hrs.**
Public School Music	3 sem. hrs.**
Geography	3 sem. hrs.***
U. S. History	3 sem. hrs.***
U. S. Government	3 sem. hrs.***
Economics (designed for Elementary teachers)	3 sem. hrs.***
Children's Literature	3 sem. hrs.
Mathematics (designed for Elementary teachers)	6 sem. hrs.****
Science (designed for Elementary teachers)	3 sem. hrs.
Physical Education (designed for Elementary teachers)	2 sem. hrs. (May count as part of General Education requirements)

3. Any individual issued a Provisional certificate on qualifications less than those required for the six-year certificate must establish with a state or regionally approved institution of higher learning a program which will be designed to qualify the individual for the six-year certificate prior to renewal of the Provisional certificate.

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*Three years successful teaching experience, as verified by employing superintendent, may be accepted in lieu of six semester hours of Directed Teaching.

**Appreciation courses are not acceptable in meeting this requirement.

***Geography, U. S. History, Government, and Economics may count as Social Studies in General Education.

****Three hours may count as part of General Education requirements in Mathematics, but must be specifically designed for Elementary teachers.

B. SIX-YEAR K-6 ELEMENTARY CERTIFICATE

1. Professional Requirements

Education -- 18 semester hours of Elementary Education including study of the school, of the learning processes, and of Elementary teaching, including a Methods course in Reading, and (2) six semester hours of Directed Teaching.*

2. Specialization Requirements for Six-Year K-6 Elementary Certificate

a. Bachelor's degree in Elementary Education or Early Childhood Education which meets requirements for standard six-year Elementary certificate.

b. Three semester hours in Child Development. (Any course in Child Development offered by the Home Economics department or any other department that is acceptable by the Coordinator of Teacher Education and Certification may be accepted to meet this requirement).

c. Six semester hours in Early Childhood Curriculum Methods and Materials.

d. Three semester hours of Practicum in Kindergarten; three additional hours of Practicum in K-3, or three years successful teaching experience in grades K-3, in an accredited school. This is interpreted to mean that six (6) semester hours of Practicum is needed for K-6 certification. If a person has three (3) years of successful teaching experience in a K-3 situation in an accredited school, three (3) semester hours of the total six (6) semester hours may be waived.

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*Three years successful teaching experience, as verified by employing superintendent, may be accepted in lieu of six semester hours of Directed Teaching.

C. ELEMENTARY PHYSICAL EDUCATION -- 21 SEM. HRS.*

1. Professional Requirements

Education -- 18 semester hours of Elementary Education including study of the school, of the learning processes, and of Elementary teaching, including a Methods course in Reading, and (2) six semester hours of Directed Teaching.**

2. Specialization Requirements for Elementary Physical Education Certificate

Child Growth & Development	3 sem. hrs.
Methods & Materials in Physical Education for Elementary Schools	3 sem. hrs.
Principles of Physical Education (K-12)	3 sem. hrs.
Organization & Administration of Physical Education (K-12)	3 sem. hrs.
Foundational Science (Anatomy and Physiology)	3 sem. hrs.
Physical Education Activities such as: stunts & tumbling; rhythmic activities; track & field; movement fundamentals; swimming; individual sports; and team sports	3 sem. hrs.***
Health & Safety	3 sem. hrs.

*Six semester hours can count as General Education requirements. At least 50% of the student teaching requirement must be completed at the Elementary school level.

**Three years successful teaching experience, as verified by employing superintendent, may be accepted in lieu of six semester hours of Directed Teaching.

***Must include a course in rhythmic activities.

D. ELEMENTARY READING ENDORSEMENT -- 9 SEM. HRS.

1. Professional Requirements

Education -- 18 semester hours of Elementary Education including study of the school, of the learning processes, and of Elementary teaching, including a Methods course in Reading, and (2) six semester hours of Directed Teaching.*

2. Specialization Requirements for Elementary Reading Endorsement

a. Elementary certificate based on Bachelor's degree and valid for six years.

b. A minimum of nine semester hours in graduate or undergraduate level Reading courses in the following special areas:

Foundation or Survey of Reading..... 3 sem. hrs.

Diagnosis and Correction of Reading Difficulties..... 3 sem. hrs.

Laboratory Practice in Reading Improvement..... 3 sem. hrs.

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*Three years successful teaching experience, as verified by employing superintendent, may be accepted in lieu of six semester hours of Directed Teaching.

E. ART K-12 -- 24 SEM. HRS.*

1. Professional Requirements

Education -- 18 semester hours must include (1) study of the school, of the learning processes, and of teaching, and (2) Directed Teaching -- six semester hours.

2. Specialization Requirements for Art K-12 Specialists Certificate

Public School Art	3 sem. hrs.
Art History	3 sem. hrs.
Studio Courses	18 sem. hrs.

*The Art K-12 Specialists Certificate is valid for six years and based on a minimum of a Bachelor's degree. Methods courses and directed teaching will be done on both the Elementary and Secondary levels.

F. MUSIC PLANS I & II K-12 -- 24 SEM. HRS.*

1. Professional Requirements

Education -- 18 semester hours must include (1) study of the school, of the learning processes, and of teaching, and (2) Directed Teaching -- six semester hours.

2. Specialization Requirements for Music Plan I K-12 Specialists Certificate

Basic Courses for all Music Education Majors:

Music Theory	11 sem. hrs.
Music History & Appreciation	3 sem. hrs.
Conducting	2 sem. hrs.
Piano -- (Proficient Technique)	1 sem. hr.**

Vocal Music Education

Applied piano	2 sem. hrs.**
Applied Voice	2 sem. hrs.**
Choral Technique	1 sem. hr.**
Orchestration-choral	2 sem. hrs.

3. Specialization Requirements for Music Plan II K-12 Specialists Certificate

Basic Courses for all Music Education Majors:

Music Theory	11 sem. hrs.
Music History & Appreciation	3 sem. hrs.
Conducting	2 sem. hrs.
Piano -- (Proficient Technique)	1 sem. hr.**

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*Methods courses and directed teaching will be done on both the Elementary and Secondary levels.

**For the non-piano major - *Proficient piano* facility the equivalent of four semesters of study; *Applied* - proficient facility on a major performing instrument consistent with six semesters of private study; *Ensemble* - participation in an instrumental or choral ensemble for six semesters; *Choral technique* - one semester class lessons are acceptable.

Instrumental Music Education	
Applied Wind, percussion, and/or stringed instruments.....	3 sem. hrs.***
Instrumental techniques, (brass, woodwind, strings, percussion).....	2 sem. hrs.***
Orchestration & Arranging.....	2 sem. hrs.

***For the non-piano major - *Proficient piano* facility the equivalent of four semesters of study; *Applied* - proficient facility on a major performing instrument consistent with six semesters of private study; *Instrumental technique* - classes in strings, winds (brass and woodwinds) and percussion instruments are to be taken the equivalent of one semester each; *Ensemble* - participation in an instrumental or choral ensemble for six semesters.

G. READING SPECIALIST K-12 -- 12 SEM. HRS.*

1. Professional Requirements

Education - 18 semester hours of Professional Education including study of the school, of the learning processes, and of teaching, and (2) Directed Teaching -- six semester hours.**

2. Specialization Requirements for Reading Specialist K-12 Specialists Certificate

a. Elementary or Secondary certificate based on Bachelor's degree and valid for six years.

b. A Master's degree with a major emphasis in Reading.

c. A minimum of three years of successful teaching experience.

d. A minimum of 12 semester hours in graduate level Reading courses with at least one course in each of the following:

(1) Foundation or Survey of Reading - a basic course whose content is related exclusively to Reading Instruction or the Psychology of Reading.

(2) Diagnosis and Correction of Reading Difficulties

(3) Laboratory Practice in Reading Improvement

(4) Elective in Reading

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*The Reading Specialist K-12 Specialists Certificate is valid for ten years and based on a minimum of a Master's degree.

**Three years successful teaching experience, as verified by employing superintendent, may be accepted in lieu of six semester hours of Directed Teaching.

H. LIBRARIAN K-12 AND MEDIA SPECIALIST K-12 SPECIALISTS CERTIFICATES*

1. Professional Requirements

   Education -- 18 semester hours must include (1) study of the school, of the learning processes, and of teaching, and (2) Directed Teaching -- six semester hours.**

2. Specialization Requirements for Librarian K-12 Specialists Certificate

   a. Elementary or Secondary certificate based on Bachelor's degree and valid for six years.

   b. A minimum of 18 semester hours which are as follows:

Selection, utilization and evaluation of instructional media materials and equipment (including audio-visual).....	3 sem. hrs.
Organization and Administration of School Media Center.....	3 sem. hrs.
Reference Materials.....	3 sem. hrs.
Simplified Cataloging.....	3 sem. hrs.
Electives in Library Science.....	6 sem. hrs.

3. Specialization Requirements for Media Specialist K-12 Specialists Certificate

   a. Elementary or Secondary certificate based on Bachelor's degree and valid for six years.

   b. A minimum of 12 semester hours which are as follows:

Selection, utilization and evaluation of instructional media materials and equipment (including audio-visual).....	3 sem. hrs.
Administration of media materials.....	3 sem. hrs.
Production of media materials.....	3 sem. hrs.
Electives in audio-visual.....	3 sem. hrs.

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*Will no longer be available after September 1, 1984. See Professional Library Media Personnel Levels 1, 2, or 3.

**Three years successful teaching experience, as verified by employing superintendent, may be accepted in lieu of six semester hours of Directed Teaching.

I. PROFESSIONAL LIBRARY MEDIA PERSONNEL*

1. Level 1: Library Media - Bachelor's Degree - Six-Year Certificate

   a. Library Media certification is granted at the same level as the level of teaching certification.

   b. For K-12 certification the candidate must complete:

      1. Twelve (12) additional hours of Professional Education courses in the area(s) other than the level of his/her teaching certificate. The 12 semester hours must include: (1) study of the Elementary or Secondary school; (2) study of the learning processes; (3) teaching in the secondary school, or teaching in the Elementary school, including a methods course in Reading.

      2. Practicum experience -- 50% in a unified Elementary Library Media Center and 50% in a unified Secondary Library Media Center.

   c. Specialization Requirements for the Level 1: Library Media Bachelor's Degree Six-Year Certificate

      1. Bachelor's degree and a teaching certificate.

      2. Practicum of 3 semester hours (minimum 120 clock hours) of directed experience in a unified school Library Media Center at the same level of teaching certification.**

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*Can be effective immediately, but will be mandated September 1, 1984.

**One year successful employment in a unified School Library Media Center or two years successful public school classroom teaching experience in an accredited Elementary or Secondary school, plus three additional semester hours in Library Media Education, may be substituted for Practicum experience.

3. Twenty-one (21) semester hours in Basic Library/ Media Education designed to develop introductory competencies in the following areas (a separate course in each area is not required):

   a. Relation of media to Instructional Systems
   b. Organization and Administration of Media Programs
   c. Evaluation, Selection, and Organization of Media and Accompanying Technology
   d. Utilization of Media and Accompanying Technology
   e. Production of Media
   f. Evaluation of Media Programs
   g. Leadership and Professionalism

2. Level 2: Library Media Specialist - Master's Degree - Ten-Year Certificate

   a. Library Media Specialist certification is granted at the same level as the level of teaching certification.

   b. For K-12 certification, the candidate must complete:

      1. The twelve (12) additional semester hour Level 1 requirements for Professional Education courses in area(s) other than the level of his/her teaching certificate.

      2. Practicum experience -- 50% in a unified Elementary Library Media Center and 50% in a unified Secondary Library Media Center.

   c. Specialization Requirements for the Level 2: Library Media Specialist Master's Degree Ten-Year Certificate

      1. Meet the requirements for Level 1 certification.

      2. Master's degree in an approved program including Library Science and Educational Media or a unified Library Media program offered by a regionally or nationally accredited institution. The Master's program must include a minimum of 24 graduate hours, designed to develop comprehensive competencies in the following areas:

         a. Relation of Media to Instructional Systems, including Curriculum Development
         b. Organization and Administration of Media Programs
         c. Evaluation, Selection and Organization of Media and Accompanying Technology
         d. Utilization of Media and Accompanying Technology
         e. Production of Media
         f. Research and Evaluation of Media Programs
         g. Leadership and Professionalism

      3. Three (3) years successful classroom teaching experience in an accredited Elementary or Secondary school or three (3) years successful experience in a unified School Library Media Center.

d. Additional Level 2: Library Media Specialist Master's Degree Ten-Year Certificate Endorsement

Additional Endorsements to Level 2: Library Media Specialist Certificate may be added in specific areas of instructional resources design, production, application, or organization. An endorsement to this certificate requires nine (9) semester hours in a specific area. A maximum of three (3) semester hours from the Level 2: Library Media Specialist certificate program may apply to a specific endorsement. Among the areas of specialization are:

Reading Guidance	Materials Cataloging
Television	Bibliography
Photography	Network Service Development
Graphics Design	and Supervision
Instructional Product	Instructional Design
Development	Computer Assisted
Visual Literacy*	Instruction

*As the field of Instructional Technology advances other areas of specialization may be added to this list.

3. Level 3: Library Media Administrator - Master's Degree plus 30 sem. hrs. - Ten-Year Certificate

   a. The Library Media Administrator must be certified as a Level 2: Library Media Specialist in the area(s) to which assigned as Administrator.

   b. Library Media Administrator certification is granted at the same level of teaching certification.

   c. For K-12 certification the candidate must complete:

      1. Meet the twelve (12) additional hour Level 1 requirement for Professional Education courses in the area(s) other than the level of his/her teaching certificate.

      2. Meet the Level 1 Practicum experience requirement - 50% in a unified Elementary Library Media Center and 50% in a unified Secondary Library Media Center.

   d. Specialization Requirements for the Level 3: Library Media Administrator Master's degree plus 30 sem. hrs. Ten-Year Certificate

      1. An additional thirty (30) semester hours in graduate education courses, including an appropriate distribution in Administration, Supervision and Related Fields:

         a. Public School Organization and Administration
         b. Supervision
         c. Educational Publicity and Leadership
         d. Administrative Application of the Systems Concept
         e. Advanced School Plant Planning
         f. Public School Business Management
         g. Personnel Management
         h. Advanced Administration of Systemwide Media Programs
         i. Specific area(s) of Library Media Education

   e. Minimum of four (4) years successful experience as a classroom teacher in an accredited Elementary or Secondary school and/or as a Library Media Center Specialist in a unified school library media center (a minimum of two (2) of the four (4) years experience must have been as a Media Center Specialist).

J. ELEMENTARY TEACHER'S GRADUATE CERTIFICATE

The Elementary classroom teacher's graduate certificate, valid for ten years, may be issued to applicants meeting the following requirements:

1. Hold, or be qualified to hold, at the time of application the six-year Elementary teaching certificate.

2. Completion of a Master's degree in an approved institution, with a minimum of 30 semester hours in courses as follows:

   a. Professional education courses related to the Elementary curriculum - minimum 12 semester hours.

   b. Subject matter courses normally taught at the Elementary level - minimum 12 semester hours.

   c. Elective courses for a total of not less than 30 semester hours.

V. MIDDLE SCHOOL TEACHER CERTIFICATES

(Teachers Teaching 9th Grade Students Must Hold A Secondary Certificate).

A. All teachers shall hold a high school or elementary teaching certificate based on a Bachelor's degree. A teacher teaching in a departmental situation shall meet one of the following requirements:

(1) Hold a secondary teaching certificate and have 18 semester hours in the field in which he/she is teaching and have at least 3 semester hours in Human Growth and Development of Children Below Adolescent Age and have 3 semester hours of Elementary or Middle School Methods of Teaching.

(2) Hold an elementary teaching certificate and have 18 semester hours in the field in which he/she is teaching.

B. Middle School certificates are available in the areas listed below:

1. Middle School Agriculture
2. Middle School Business
3. Middle School English
4. Middle School French
5. Middle School Spanish
6. Middle School Physical Education
7. Middle School Home Economics
8. Middle School Industrial Art
9. Middle School Math
10. Middle School Science
11. Middle School Social Studies

VI. SECONDARY TEACHER CERTIFICATES

A. PROFESSIONAL REQUIREMENTS

Education -- 18 semester hours including: (1) study of the school, of the learning processes, and of teaching, and (2) directed teaching -- six semester hours.*

B. REQUIREMENTS IN TEACHING FIELDS

1.	Business Education	24 sem. hrs.
2.	Driver Education	6 sem. hrs.
3.	English	24 sem. hrs.
4.	Foreign Languages	21 sem. hrs.
5.	Health Education	17 sem. hrs.
6.	Journalism	24 sem. hrs.
7.	Mathematics	21 sem. hrs.
8.	Basic Mathematics	18 sem. hrs.
9.	Physical Education	21 sem. hrs.
10.	Coach.....by endorsement	11 sem. hrs.
11.	Reading.....by endorsement	9 sem. hrs.
12.	Science:	
	General Science	24 sem. hrs.
	Biological Science	24 sem. hrs.
	Physical Science	24 sem. hrs.
	Chemistry	24 sem. hrs.
	Physics	24 sem. hrs.
13.	Social Studies	24 sem. hrs.**
14.	Speech	24 sem. hrs.

NOTE: Any individual issued a Provisional certificate on qualifications less than those required for a six-year certificate must establish with a state or regionally approved institution of higher learning a program which will remove the deficiencies and qualify for the six-year certificate.

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*Three years successful teaching experience, as verified by employing superintendent may be accepted in lieu of directed teaching.

**Effective September 1, 1981, Social Studies requirements will increase to 36 semester hours.

C. GENERAL FIELDS

1. Business Education*

a. Plan I. Comprehensive Business -- 24 sem. hrs.

Typewriting (including an Advanced course)	2 sem. hrs.
Shorthand (including an Advanced course)	3 sem. hrs.
Accounting Principles	6 sem. hrs.
Economics	3 sem. hrs.
Office Management or Secretarial Practice	3 sem. hrs.
Business Communications	3 sem. hrs.
Business Law	2 sem. hrs.
Business Machines	2 sem. hrs.

b. Plan II. Bookkeeping and Basic Business -- 24 sem. hrs.

Typewriting	2 sem. hrs.
Accounting Principles	6 sem. hrs.
Economics	6 sem. hrs.
Business Communications	3 sem. hrs.
Business Law	2 sem. hrs.
Electives from Business or Economics	5 sem. hrs.

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*Will no longer be available after September 1, 1984. See Business Education Plans I & II - 26 semester hours.

2. Business Education*

a. Plan I. Comprehensive Business -- 26 sem. hrs.

Typewriting (including an Advanced course)	2 sem. hrs.
Shorthand (including an Advanced course)	3 sem. hrs.
Accounting Principles	6 sem. hrs.
Economics	3 sem. hrs.
Office Management or Secretarial Practice	3 sem. hrs.
Business Communications	3 sem. hrs.
Business Law	2 sem. hrs.
Business Machines	2 sem. hrs.
Introduction to Data Processing	2 sem. hrs.

b. Plan II. Bookkeeping and Basic Business -- 26 sem. hrs.

Typewriting	2 sem. hrs.
Accounting Principles	6 sem. hrs.
Economics	6 sem. hrs.
Business Communications	3 sem. hrs.
Business Law	2 sem. hrs.
Electives from Business or Economics	5 sem. hrs.
Introduction to Data Processing	2 sem. hrs.

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*Can be effective immediately, but will be mandated September 1, 1984. This is not retroactive.

3. Driver Education -- 6 sem. hrs.

   a. Hold, or be qualified to hold a standard six-year certificate.

      Driver Education I..... 2 sem. hrs.

      Driver Education II..... 2 sem. hrs.

      First Aid..... 2 sem. hrs.

4. English -- 24 sem. hrs.

Advanced Composition	3 sem. hrs.
Systems of Grammar (Comparative Modern Grammars)	3 sem. hrs.
American Literature	6 sem. hrs.*
English Literature	6 sem. hrs.*
Electives	6 sem. hrs.**

*Courses in authors, genres, and periods may satisfy these requirements.

**Courses in the development of the modern English Language, literary criticism, and world literature may satisfy these requirements.

5. Foreign Language -- 21 sem. hrs.*

   a. Twenty-one semester hours of foreign language. At least nine of the twenty-one hours must be at the upper division level.

   b. The twenty-one hours must include:

      (1) Six semester hours in the area of functional language skills (understanding, speaking, reading, and writing).

      (2) Six semester hours in the area of culture, civilization, and literature.

      (3) Three semester hours of modern methodology of foreign language teaching.**

      (4) Six - nine semester hours of foreign language electives.***

   c. A minimum of three semester hours of directed teaching in at least one foreign language.****

The requirements indicated above are applicable to teachers of modern and classical languages alike, except that teachers of Latin or Greek may be excused from the oral component specified in paragraph b(1).

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*Will no longer be available after September 1, 1983. See Foreign Language - 24 semester hours. Twenty-one semester hours applies to each foreign language in which certified.

**The methods course may be taken for credit in either the foreign language or professional education.

***If the three semester hour methods course is taken for foreign language credit, the number of hours of foreign language electives is six; if it is taken for professional education credit, the number of foreign language electives is nine.

****In-service teachers having a minimum of twenty-one hours in one foreign language distributed as specified in a and b above, may substitute a three-hour practicum for the three hours of directed teaching. Either the directed teaching or the practicum for in-service teachers newly assigned to foreign language teaching is mandated.

6. Foreign Language -- 24 sem. hrs.*

a. Twenty-four (24) semester hours of foreign language. At least nine (9) of the twenty-four hours must be at the upper division level.

b. The twenty-four (24) hours must include:

(1) Six semester hours in the area of functional language skills (understanding, speaking, reading, and writing).

(2) Six (6) semester hours in the area of culture, civilization, and literature. At least three (3) semester hours must be in culture and civilization.

(3) Three (3) semester hours of modern methodology of foreign language teaching.**

(4) Nine (9) to twelve (12) semester hours of foreign language electives.***

(5) A minimum of three (3) semester hours of directed teaching in at least one foreign language.****

The requirements indicated above are applicable to teachers of modern and classical languages alike, except that teachers of Latin or Greek may be excused from the oral component specified in paragraph b(1).

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*Twenty-four (24) semester hours applies to each foreign language in which certified. Can be effective immediately, but will be mandated September 1, 1983.

**The methods course may be taken for credit in either the foreign language or professional education.

***If the three-hour methods course is taken for foreign language credit, the number of hours of foreign language electives is nine (9); if it is taken for professional education credit, the number of foreign language electives is twelve (12).

****Inservice teachers having a minimum of twenty-four (24) hours in one foreign language, distributed as specified in a. and b. above, may be excused from the three (3) hours of directed teaching.

7. Health Education -- 17 sem. hrs.

a. Hold, or be eligible to hold, the standard six-year certificate and have the following preparation:

Related Science (Anatomy, Physiology, Bacteriology)..... 6 sem. hrs.

Personal & Community Health..... 3 sem. hrs.

First Aid..... 2 sem. hrs.

Related Electives, such as:
Health Education, Administration,
Health Appraisal, Nutrition,
Mental & Emotional Health..... 6 sem. hrs.

8. Journalism -- 24 sem. hrs.

9. Mathematics -- 21 sem. hrs.

Calculus..... 3 sem. hrs.

Algebra (excluding Intermediate Algebra)..... 3 sem. hrs.

Geometry (excluding Analytical Geometry)..... 3 sem. hrs.

Electives.....12 sem. hrs.*

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*At least six (6) of the twelve (12) semester hours of electives must be above the Sophomore level.

10. Basic Mathematics -- 18 sem. hrs.*

a. Hold the standard six-year certificate, and have the following preparation:

Geometry..... 3 sem. hrs.

Algebra (excluding Intermediate Algebra)..... 3 sem. hrs.

Electives.....12 sem. hrs.

NOTE: This certificate enables an applicant to teach 7th and 8th grade Mathematics and General or Basic Mathematics in grades 9-12.

In organized Junior/Middle Schools certification in Middle School Mathematics would be expected.

Teachers in NCA member schools must meet NCA requirements.

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*Can be effective immediately, but will be mandated September 1, 1984.

11. Physical Education -- 21 sem. hrs.

Related Science such as Anatomy or Physiology	3 sem. hrs.
Health & Safety	3 sem. hrs.
Methods & Materials in Health & P. E. for Secondary Schools	3 sem. hrs.
Administration of Health & P. E.	3 sem. hrs.
Theory & Practice of Athletic Coaching	3 sem. hrs.
Principles of Physical Education	3 sem. hrs.
Direction of School & Community Recreation	3 sem. hrs.

12. Coaches Endorsement -- 11 sem. hrs.*

a. Coaches of Football, Basketball, and Track.

b. Hold a Secondary certification in Physical Education or hold, or be eligible to hold, the standard six-year certificate and have the following preparation:

Anatomy, Physiology, or Kinesiology..... 3 sem. hrs.

Care of Athletic Injuries or First Aid..... 2 sem. hrs.

Organization and Administration of Interscholastic Athletics or Organization and Administration of Physical Education..... 3 sem. hrs.

Coaching Theory..... 3 sem. hrs.

NOTE: Coaches employed prior to September 1, 1979, may continue to coach without penalty to the school. Any person assigned to coach after September 1, 1979, must fully meet the requirement for coaches.

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*Effective September 1, 1979.

13. Reading Endorsement (Secondary) -- 9 sem. hrs.

a. Hold a high school certificate in English or Speech, with a minimum of three semester hours in each of the following courses:

(1) Foundations or Survey of Reading

(2) Diagnosis and Correction of Reading Difficulties

(3) Laboratory Practice in Reading Improvement

b. Or be qualified as an Elementary Reading teacher.

14. Science

a. General Science -- 24 sem. hrs.

A minimum of six semester hours each in Physical Science and Biological Science. One course in Earth Science, plus sufficient electives to make a total of 24 semester hours.

b. Biological Science -- 24 sem. hrs.

Biology (including four semester hours Botany, four semester hours Zoology), and sufficient electives in Botany and Zoology to make a total of 24 semester hours.

Six semester hours may be elected in the Physical Science field.

c. Physical Science -- 24 sem. hrs.

A minimum of 15 semester hours in Chemistry and Physics, and sufficient electives to make a total of 24 semester hours.

d. Chemistry -- 24 sem. hrs.

Six semester hours may be elected in Physics.

e. Physics -- 24 sem. hrs.

Six semester hours may be elected in Chemistry.

15. Social Studies -- 24 sem. hrs.*

World History, History of Civilization, or Survey of Social & Economic Institutions	6 sem. hrs.
U. S. History	9 sem. hrs.
U. S. Government	3 sem. hrs.
Economics	3 sem. hrs.
Elective, selected from: Geography, Sociology, or Anthropology	3 sem. hrs.

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*Will no longer be available after September 1, 1981. See Social Studies - 36 semester hours. In addition to being certified in Social Studies, the teacher must have a total of at least eight semester hours in each of the following subjects he is assigned to teach: U. S. History, World History, Civics or Government, Geography, Economics, and Sociology.

16. Social Studies -- 36 sem. hrs.*

U. S. History	12 sem. hrs.
World History	6 sem. hrs.
Political Science	6 sem. hrs.
Geography	6 sem. hrs.
Economics	3 sem. hrs.
Sociology, Psychology, or Anthropology	3 sem. hrs.

In addition to being certified in Social Studies, the teacher must have a total of at least six semester hours in the subject he/she is assigned to teach.

NOTE: Anyone teaching Arkansas History must have at least one course in Arkansas History.

The above Social Studies requirements will not be retroactive.

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*Effective September 1, 1981.

17. Speech -- 24 sem. hrs.

Preparation directed toward development of competency and understanding in oral communication, rhetoric and public address, group processes and oral interpretation..... 6 sem. hrs.

Preparation in directing speech and drama programs which must include both theatre arts and forensics..... 6 sem. hrs.

Preparation in speech improvement which must include phonetics and speech pathology..... 6 sem. hrs.

Electives in speech or drama..... 6 sem. hrs.

D. SECONDARY TEACHER'S GRADUATE CERTIFICATE

The secondary classroom teacher's graduate certificate, valid for ten years, may be issued to applicants meeting the following requirements:

1. Hold, or be qualified to hold, at the time of application, the six-year high school certificate.

2. Completion of a Master's degree in an approved institution which includes a minimum of 30 semester hours in graduate courses as follows:

   a. Professional education related to the secondary school curriculum. Minimum 9 semester hours.

   b. Subject matter courses in one or two of the teaching fields normally taught in secondary school. Minimum 15 semester hours.

VII. SPECIALIZED SERVICES CERTIFICATES

A. SPECIAL EDUCATION -- 24 SEM. HRS.*
Emphasis: Mental Retardation

1. Hold, or be qualified to hold, an Elementary or Secondary certificate based on a Bachelor's degree with 18 semester hours of Professional Education.

2. Twelve semester hours with a minimum of three semester hours in each area from the following:**

   a. Education (or Psychology) of Exceptional Children

   b. Nature and Needs of the Mentally Retarded

   c. Education Procedures for Teaching the Mentally Retarded

   d. Speech and Language Development OR Speech Correction

3. Six semester hours Directed Teaching in Special Education in the field of Mental Retardation.***

4. Six semester hours of electives in addition to the requirements above to be selected from specialized courses related to the handicapped. It is recommended that three of the required six semester hours of electives will be in the field of psychological evaluation of exceptional children.

NOTE: For certification in Special Education with an emphasis in a field other than the Mentally Retarded, the requirements 2b, 2c, and 3, should be specifically designed for this area of specialization.

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*Will no longer be available after September 1, 1984. See Special Education-Mildly Handicapped K-12, Moderately/Profoundly Handicapped K-12, and Severely Emotionally Disturbed K-12.

**Two semester hours as a minimum will be accepted from institutions offering only two semester hours in these areas, provided the total of twelve semester hours is met.

***Teachers with three years experience in the requested area of Special Education may waive the directed teaching requirement, but will be required to take at least six semester hours of Special Education Electives to make a total of 24 semester hours.

Example (1): For certification in the area of the Physically Handicapped, the courses of Nature and Needs for the Physically Handicapped, Education Procedures for the Physically Handicapped, and Directed Teaching in the field of the Physically Handicapped should be taken in lieu of the courses for the Mentally Retarded.
Example (2): For certification in the area of Specific Learning Disabilities, the courses of Nature and Needs for Children with Specific Learning Disabilities, Education Procedures for Children with Specific Learning Disabilities, and Directed Teaching in the field of Specific Learning Disabilities should be taken in lieu of the courses for the Mentally Retarded.

B. SPECIAL EDUCATION*

1. The certificate should encompass present general education requirements as stipulated in Arkansas Laws and Regulations for Certification of Teachers, Administrators and Supervisors, Bulletin VI (Revised).

2. Teachers preparing for any Special Education certificate shall receive 15 hours of training in the following areas:

   6 sem. hrs. Child and Adolescent Development
   3 sem. hrs. Principles of Learning
   3 sem. hrs. Application of Behavior Management Principles
   3 sem. hrs. Study of the School

3. The proposed certificates in Special Education will not require dual certification (Elementary, Secondary, and Special), which is the present policy. Colleges/universities desiring to maintain dual certification may do so. Certificates will be in the following areas:

   Mildly Handicapped K-12
   Moderately/Profoundly Handicapped K-12
   Severely Emotionally Disturbed K-12

4. For each of the certifiable areas, students must take a minimum of 24 semester hours in addition to the 15 basic core hours as listed above. Upon receipt of any of the new certificates, categorical certification will no longer be retained.

   a. Teachers with current MR or LD certification who have been teaching mildly handicapped for two years in a resource room setting, will be approved for a certificate for mildly handicapped.

   b. Teachers with current MR certification and two years or more experience in teaching moderate to severely handicapped children in a self contained setting will be approved for a certificate for moderately/profoundly handicapped.

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*Can be effective immediately, but will be mandated September 1, 1984.

c. Teachers with inappropriate certification for their expected Special Education teaching role will be reviewed by an approved college/university. The certifying officer will collaborate with the office of Teacher Education and Certification of the Arkansas Department of Education if existing rules/guidelines are insufficient for a determination.

d. All teachers certified in Special Education prior to the implementation of this proposal will be required to apply for one of the above certificates at their respective renewal date.

5. Colleges and universities in the State of Arkansas which offer teacher training programs in Special Education shall meet standards established by the Arkansas Department of Education. Certification of teachers who are graduated from these programs shall be accomplished on the basis of program approval rather than transcript audit. The division of Teacher Education and Certification shall have responsibility in the area of reciprocity between states.

EMPHASIS: MILDLY HANDICAPPED K-12

In addition to the 15 basic core hours:

Characteristics of Mildly Handicapped	3 sem. hrs.
Methods and Materials for Mildly Handicapped	3 sem. hrs.
Survey of Exceptional Child	3 sem. hrs.
Speech and/or Language Development	3 sem. hrs.
Evaluation of the Exceptional Child	3 sem. hrs.
Field Experiences	6 sem. hrs.
Adaptive Physical Education	3 sem. hrs.

If not certified in Elementary Education, must include:

Reading	6 sem. hrs.
Math, designed for Elementary or Middle School teachers	6 sem. hrs.
Curriculum	3 sem. hrs.

EMPHASIS: MODERATELY-PROFOUNDLY HANDICAPPED K-12

In addition to the 15 basic core hours:

Nature and Needs of the Moderately-Profoundly Handicapped	3 sem. hrs.
Methods and Materials for the Moderately-Profoundly Handicapped	3 sem. hrs.
Advanced Methods and Materials for the Moderately-Profoundly Handicapped	3 sem. hrs.
Life Adjustment for the Moderately-Profoundly Handicapped	3 sem. hrs.
Supervision in Moderately-Profoundly Handicapped	3 sem. hrs.
Practicum	6 sem. hrs.
Electives (Related in area of Handicapped)	3 sem. hrs.

If not certified in Elementary Education must include:

Reading	6 sem. hrs.
Math, designed for Elementary or Middle School teachers	6 sem. hrs.
Curriculum	3 sem. hrs.

EMPHASIS: SERIOUSLY EMOTIONALLY DISTURBED K-12

In addition to the 15 basic core hours:

Emotional Problems of Children	3 sem. hrs.
Language Development	6 sem. hrs.
Diagnostic Procedures	3 sem. hrs.
Methods for Teaching Emotionally Disturbed	3 sem. hrs.
Affective Methods	3 sem. hrs.
Practicum	6 sem. hrs.

If not certified in Elementary Education must include:

Reading	6 sem. hrs.
Math, designed for Elementary or Middle School teachers	6 sem. hrs.
Curriculum	3 sem. hrs.

C. SPEECH THERAPIST*

The requirements for a certificate as a Speech Therapist are:

1. A Bachelor's degree and the General Education requirements for all certificates.

2. Twelve semester hours of Professional Education including the study of the school and the learning process.

3. Six semester hours or 200 clock hours of clinical practice in Speech Therapy.**

4. Eighteen semester hours distributed in five areas as follows:

   Speech Fundamentals.....3 sem. hrs.***

   Voice Science.....3 sem. hrs.***

   Phonetics.....3 sem. hrs.***

   Hearing.....3 sem. hrs.***

   Speech Correction.....6 sem. hrs.

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*Will no longer be available after September 1, 198i. See Speech Pathologist Levels 1 and 2 certification requirements.

**Clinical practice in Speech Therapy does not meet directed teaching requirement for the regular certificate for public school teachers.

***Two semester hours may be allowed if additional semester hours are made in the remaining areas except speech correction.

D. SPEECH PATHOLOGIST CERTIFICATION*

Speech Therapists who are certified on the basis of a Bachelor's degree prior to September 1, 1981, can continue to renew their certificates without securing additional work, provided they meet other renewal requirements.

1. Level 1 - Bachelor's Degree -- Six Year Certificate (Not Renewable)

   a. A Bachelor's degree and the General Education requirements for all certificates.

   b. Fifteen semester hours of Professional Education, including training in the following areas:

      Study of the School
      Child and Adolescent Development
      Principles of Learning
      Individualized Educational Programming
      Application of Behavior Management Principles
      With Special Populations

   c. Six semester hours or 200 clock hours of clinical practice in Speech Therapy.** (At least 60 hours of the 200 clock hours of clinical practice must be accomplished with children in a classroom setting).

   d. Twenty-four semester hours in the major area:

      1. Nine semester hours in the normal development and use of speech, hearing, and language; three of these being in normal language acquisition.

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*Effective September 1, 1981.

**This clinical practice in Speech Therapy meets the requirements for Speech Therapy only and does not meet the directed teaching requirements for the regular certificate for school teachers.

2. Twelve semester hours must be in Speech Pathology courses that provide information relative to communicative disorders and training in evaluation and management of speech, hearing, and language disorders.

3. Three semester hours must be audiology.

2. Level 2 - Master's Degree In Speech Pathology or Its Equivalent (Ten-Year Certificate)

a. Sixty hours of academic credit (30 of which may be completed in undergraduate coursework) dealing with the normal aspects of human communication, development, disorders, and clinical techniques for evaluation and management of such disorders; study pertaining to related fields that augment the work of the clinical practitioner of speech pathology, such as child development, educational psychology of exceptional children, methods in public school speech therapy, and early childhood education.

1. Thirty of the 60 hours must be in courses that are acceptable for a Master's degree in the university or college in which they are taken.

2. Twelve of the 60 hours must be in normal development and use of speech, hearing, and language. Three of these hours must be in normal language acquisition.

3. Twenty-four semester hours must be in speech pathology courses that provide information relative to communicative disorders and training in evaluation and management of speech, hearing, and language disorders.

4. Six semester hours must be in audiology with three of these hours in aural rehabilitation.

b. Fifteen semester hours of professional education must be taken at either the graduate or undergraduate level, including training in the following areas:

   Study of the School
   Child and Adolescent Development
   Principles of Learning
   Individualized Educational Programming
   Application of Behavior Management Principles with Special Populations

c. Three hundred (300) clock hours of supervised clinical practicum as a minimum requirement.*

   1. One hundred fifty (150) clock hours must be with children of various age levels.

   2. Sixty hours of the 150 clock hours accomplished with children must be in a school setting which serves a general school population.

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*This clinical practice in Speech Therapy meets the requirements for Speech Therapy only and does not meet the directed teaching requirements for the regular certificate for school teachers.

E. CERTIFICATION OF TEACHERS OF THE VISUALLY IMPAIRED OR VISUALLY HANDICAPPED

Teachers wanting certification in the area of Visually Impaired or Visually Handicapped must meet one of the below listed requirements in order to receive a standard certificate.

1. An applicant who holds a Bachelor's degree from a recognized college or university in the United States* and has the necessary special preparation in teaching the blind and the handicapped and who holds or is eligible to hold a certificate from the state within which the college or university is located;

2. Or who holds an Elementary or Secondary certificate based on a Bachelor's degree and 18 hours of education and have twenty-four semester hours from the following courses or their equivalents. Courses a. through f. are required with the remainder needed to be taken from the listed courses.

   a. Education of Exceptional Children (Survey Course)
   b. Educational Procedures for the Partially Seeing
   c. Anatomy, Physiology and Hygiene of the Eye (Structure and Function of the Eye)
   d. Survey of Education of Visually Handicapped Children
   e. Advanced Educational Procedures for the Partially Seeing
   f. Directed Teaching (6 hours with the Visually Impaired)
   g. Individual Intelligence Testing
   h. Speech Correction
   i. Nature and Needs of Mentally Retarded
   j. Other courses which deal specifically with the needs of partially seeing children

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*Preparation in Arkansas: Initial certification is issued to a person completing an approved program of preparation. A recommendation is required from the institution where the program has been completed; careful consideration will be given to this recommendation before a certificate is issued. Courses a. through f. are required with the remaining required hours being taken from those listed in g. through j.

F. CERTIFICATION FOR TEACHER OF THE DEAF OR HARD OF HEARING

Teachers wanting certification in the area of Deaf or Hard of Hearing must meet one of the below listed requirements in order to receive a standard certificate.

1. An applicant who holds a Bachelor's degree from a recognized college or university in the United States* and has the necessary special preparation in teaching the Deaf and the hard of hearing and who holds or is eligible to hold a certificate from the state within which the college or university is located;

2. Or who holds the professional certification based on the Standards for Certification of Teachers of the Hearing Impaired as developed by the Committee on Professional Preparation and Certification and adopted by the Council on Education of the Deaf. (Approved 1972);

3. Or who holds an Elementary or Secondary certificate based on a Bachelor's degree and 18 hours of education. The educational program of a teacher of the Deaf or Hard of Hearing shall include a minimum of 26 semester hours and a maximum of 40 hours as prescribed by the Conference of Executives of American Instructors of the Deaf. The preparation work to teach the Deaf must include the following courses:

a.	Methods of Teaching Elementary School Subjects to the Deaf.....	4 sem. hrs.
b.	Teaching Language to the Deaf.....	4 sem. hrs.
c.	Teaching Speech to the Deaf.....	4 sem. hrs.
d.	Teaching Speech Reading to the Deaf.....	2 sem. hrs.
e.	Auditory and Speech Mechanism.....	2 sem. hrs.
f.	Hearing Tests and Auditory Training.....	2 sem. hrs.
g.	History of Education and Guidance of the Deaf.....	2 sem. hrs.
h.	Observation and Student Teaching.....	6 sem. hrs.

*Preparation in Arkansas: Initial certification is issued to a person completing an approved program of preparation. A recommendation is required from the institution where the program has been completed; careful consideration will be given to this recommendation before a certificate is issued.

VIII. GRADUATE CERTIFICATES IN ADMINISTRATION, SUPERVISION, AND CURRICULUM

A. ADMINISTRATOR'S CERTIFICATE

The Administrator's (Superintendent's) certificate, valid for ten years may be issued to applicants meeting the following requirements:

1. Hold, or be qualified to hold, at the time of application, the six-year high school or elementary teaching certificate.

2. Completion of sixty (60) semester hours of graduate training with emphasis in School Administration from an accredited institution authorized to grant the Diploma of Advanced Study or Specialist's degree in School Administration. (Authorization is NCATE accreditation). This work shall include the Master's degree in School Administration (or the equivalent), with a minimum of thirty (30) semester hours in graduate education courses including an appropriate distribution of courses in Administration, Supervision, and related fields.

   Master's degree graduates from institutions not authorized to grant the Diploma of Advanced Study or Specialist's degree in School Administration must return to an institution that is authorized and have the certifying officer develop a program leading to the Administrator's certificate.

3. A minimum of four years' experience as a teacher or Administrator.

NOTE: An individual serving as an Elementary and/or Secondary Principal should meet particular certification requirements to include, but not limited to: Specific requirements related to the work of Elementary or Secondary Principal; certification to teach at the elementary level for the Elementary Principal; certification to teach at the secondary level for the Secondary Principal.

Administrators will not be permitted to serve as Elementary or Secondary Principals if they received their Administrator's certificate after September 1, 1980, unless they meet the elementary and secondary certification requirements.

(This is not retroactive)

B. SECONDARY SCHOOL PRINCIPAL'S CERTIFICATE

The Secondary School Principal's certificate will be valid for ten years and may be issued to applicants meeting the following requirements:

1. Hold, or be qualified to hold, at the time of application a six-year high school certificate or a K-12 certificate.

2. Completion of a minimum of 45 semester hours of graduate credit, inclusive of the Master's degree in School Administration (or the equivalent), from an institution authorized to grant the Diploma of Advanced Study or Specialist's degree in School Administration. (Authorization is NCATE accreditation).

   Master's degree graduates from institutions not authorized to grant the Diploma of Advanced Study or Specialist's degree in School Administration must return to an institution that is authorized and have the certifying officer develop a program leading to the Secondary Principal's certificate.

3. Have a minimum of three years' experience as a teacher or administrator in a secondary school.

C. ELEMENTARY SCHOOL PRINCIPAL'S CERTIFICATE

The Elementary School Principal's certificate is valid for ten years and may be issued to applicants meeting the following requirements:

1. Hold, or be qualified to hold, at time of application the six-year Elementary (K-6 or K-12) certificate.

2. Hold a Master's degree from a regionally or nationally accredited institution approved to offer the program leading to the Elementary Principal's certificate, with not less than 18 semester hours of graduate credit in administration, curriculum, supervision and related fields in administrative work at the elementary school level.

   Master's degree graduates from institutions that are not regionally or nationally accredited institutions approved to offer the program leading to the Elementary Principal's certificate must return to an institution that is authorized and have the certifying officer develop a program leading to the Elementary Principal's certificate. A minimum of twelve (12) semester hours of specialized Elementary Administration must be completed at the institution formulating the program.

3. Three years' experience as a teacher or administrator in an elementary school.

D. CURRICULUM SPECIALIST'S CERTIFICATE

The Curriculum Specialist's certificate, valid for ten years, may be issued to applicants meeting the following requirements:

1. Hold, or be qualified to hold, at the time of application the six-year secondary or elementary school certificate or K-6 or K-12 certificate.

2. Hold a Master's degree from an approved institution plus a minimum of fifteen (15) semester hours in graduate education courses including six (6) semester hours of Elementary and Secondary Curriculum Study with an appropriate distribution in Supervision and Administration courses.

3. A minimum of three years' experience as a teacher or administrator.

E. SUPERVISOR'S CERTIFICATE

The Supervisor's certificate, valid for ten years, may be issued to applicants meeting the following requirements:

1. Hold, or be qualified to hold, at the time of application the six-year secondary or elementary school certificate or K-6 or K-12 certificate.

2. Be certified to teach in the area to which assigned as supervisor.

3. Hold a Master's degree from an approved institution, with a minimum of eighteen (18) semester hours in graduate courses in the field to which assigned, plus fifteen (15) semester hours in graduate education courses, including: six (6) semester hours of Supervision and Improvement of Instructions and with appropriate distribution in Curriculum Study and Administration. (This does not mean that an applicant has to have fifteen (15) semester hours above the Master's degree).

   All of the above apply to Special Education Supervisors except eighteen (18) semester hours in the field to which assigned. These supervisors should have courses to include distribution in Mental Retardation, Learning Disabilities and Physically Handicapped, Individualized Testing, and other related fields.

4. A minimum of three years' experience as a teacher or administrator.

F. SCHOOL GUIDANCE/COUNSELING

1. Hold or be eligible to hold a six-year teaching certificate.

2. One school year of full-time experience as a certificated classroom teacher; experience may be continuous or accumulated.

3. One calendar year of non-teaching, paid employment; experience may be continuous or accumulated, full-time and/or part-time.

4. A program of study consisting of thirty-six (36) or more graduate-level semester hours including or accompanied by a Master's or higher degree; program of study must have professional accreditation by an accrediting agency recognized by the State Board of Education.

5. General Requirements

   Educational and Guidance Foundations - 24 sem. hrs., with at least 2 sem. hrs. in each of the following areas:

   a. Introduction to Guidance and Counseling Services, including program management.
   b. Student development, kindergarten through adult including theories, principles, models of personal-social, career and educational development of students, including exceptional, disadvantaged and minority groups.
   c. Statistics, or statistics and research.
   d. Group testing-including assessment of achievement, aptitudes and interests and guidance uses of results.
   e. Counseling and consultation-including principles, techniques and pre-practicum experiences.
   f. Group guidance and counseling-including principles, techniques, and pre-practicum experiences.
   g. Guidance information system, kindergarten through adult-the delivery of personal-social, career/occupational/vocational/jobs, and educational information.
   h. Vocational education.

6. Elementary Guidance K-6

   Specialized Requirements

   9 sem. hrs. of laboratory and supervised experience with at least 2 sem. hrs. in each of the following areas:

   a. Case management with simulated and/or actual experiences with Elementary students-including development and use of cumulative records, development and use of individualized educational plans, report writing, case conferences, placement, referral and follow-up.

   b. Practicum-supervised experience with individual and groups of elementary students, parents, teachers, administrators.

   c. Practicum-supervised experience with individual and groups of Elementary students, parents, teachers, administrators OR Internship-supervised experience in the delivery of guidance and counseling services in an Elementary school setting(s).

7. Secondary Guidance 7-12

   Specialized Requirements

   9 sem. hrs. of laboratory and supervised experience with at least 2 sem. hrs. in each of the following areas:

   a. Case management with simulated and/or actual experiences with secondary students-including development and use of cumulative records, development and use of individualized educational plans, report writing, case-conferences, placement, referral and follow-up.

   b. Practicum-supervised experience with individual and groups of secondary students, parents, teachers, administrators.

   c. Practicum-supervised experience with individual and groups of secondary students, parents, teachers, administrators OR Internship-supervised experience in the delivery of guidance and counseling services in a secondary school setting(s).

8. Reciprocity

   a. Applicants who hold a valid certificate from another state but who have not had any paid employment as a practicing school counselor (guidance worker) must meet all general and special requirements listed above.

   b. Applicants who hold a valid certificate from another state, when the certificate is based on a Master's or higher degree from an accredited program, and who, in addition, have worked under contract one school year as a full-time counselor or two years as a half-time counselor may receive a certificate.

9. Advanced School Guidance/Counseling

   General Requirements

   a. Hold or be eligible to hold a Master's level School Guidance/Counseling certificate.

   b. Have three (3) school years of experience, at least half-time work each year, as a certificated School Counselor (Guidance worker).

   c. Completed post-master's program of study of 30 or more semester hours. Program of study must have professional accreditation by an accrediting agency recognized by the State Board of Education.

10. Advanced Guidance Supervision

    Specialized Requirements

    a. Administration/Supervision-12 sem. hrs., including at least 2 sem. hrs. in each of the following areas:

       1. Educational Administration
       2. Supervision
       3. Curriculum
       4. Vocational Education

    b. Guidance/Counseling-12 sem. hrs. Guidance and Counseling

    c. Related areas-6 sem. hrs. Electives, related to work of a Supervisor of Guidance programs.

11. Advanced Guidance/Counseling

Specialized Requirements

a. Guidance and Counseling-18 sem. hrs.

b. Electives-9 sem. hrs. Must be taken from: Education, Guidance and Counseling, Psychology, Social Work, Sociology, Vocational Education.

c. Electives-3 sem. hrs. Must be related to the professional practice of a School Counselor.

G. EDUCATIONAL EXAMINER K-12

1. Hold or be eligible to hold a six-year teaching certificate.

2. One school year of experience as a certificated classroom teacher and one of the following related experiences: (1) additional year of experience as a certificated school employee, (2) additional year of employment in a service agency working directly with children/youth; (3) a full semester of full-time internship experience in educational diagnosis and planning with/for children/youth, under the supervision of an approved Educational Examiner educator and practitioner team and in an approved setting.

3. A program of study consisting of forty-five (45) or more graduate level semester hours including nine semester hours of Special Education and including or accompanied by a Master's or higher degree; program of study must be approved by a professional accrediting agency recognized by the State Board of Education.

4. Specialized Requirements

   a. Educational Foundations - 6 sem. hrs., with at least 2 sem. hrs. in no less than two (2) of the following areas:

      1. Curriculum
      2. Methods and Materials
      3. Philosophy of Education
      4. Statistics or Statistics and Research

   b. Principles of Learning and Teaching - 6 sem. hrs., including 3 sem. hrs. from areas 1 through 3, and 3 sem. hrs. from areas 4 through 5:

      1. Advanced Educational Psychology
      2. Principles/theories of human learning
      3. Principles/techniques of behavior modification
      4. Learning strategies for exceptional children/youth
      5. Teaching exceptional children/youth

   c. Human Development - 12 sem. hrs., including 9 sem. hrs. from areas 1 through 6, and 3 sem. hrs., from areas 7 through 8:

      1. Adolescent psychology

2. Behavioral pathology or abnormal psychology
3. Child psychology
4. Developmental psychology
5. Human growth and development
6. Personality development
7. Psychology of exceptional children/youth
8. Survey of exceptional children/youth

d. Appraisal and Programming Skills - 12 sem. hrs., including 3 sem. hrs. in areas 1, 2, and 3, respectively, and 3 sem. hrs. from areas 4 through 6:

1. Individual intelligence testing
2. Use and interpretation of standardized tests, including group achievement
3. Prescriptive programming, appraisal including conferences and report writing
4. Diagnosis and prescriptions for prevention and remediation of learning difficulties
5. Diagnosis and prescriptions for prevention and remediation of reading difficulties
6. Testing of exceptional children/youth

e. Counseling Skills and Techniques (helping interview) - 3 sem. hrs.

f. Supervised experience - 6 sem. hrs. from the following areas:

1. Practicum: Practice in educational diagnosis and planning with/for children/youth.
2. Internship: Supervised experiences in educational diagnosis and planning with/for children/youth.

IX. VOCATIONAL CERTIFICATES

A. AGRICULTURE

1. General Education Requirements

   a. English (excluding Speech, Journalism, and Humanities)..... 12 sem. hrs.
      Effective September 1, 1980 will include a course in Oral Communication and exclude Journalism and Humanities
   b. Biological Sciences, Physical Science, and Mathematics (one course in each)..... 9 sem. hrs.
   c. Social Studies (including a course in U. S. History and U. S. Government -- The remaining hours may be in Agricultural Economics)..... 12 sem. hrs.
   d. Physical Education (including Health and Safety)..... 6 sem. hrs.
   e. Electives (in fields other than major).... 9 sem. hrs.

2. Specialization Requirements

   a. Science (excluding 1b) These courses may be counted in 1e also..... 15 sem. hrs.
   b. Technical Agriculture..... 36 sem. hrs.
      Technical Agriculture courses shall include credit in Agronomy, Animal Husbandry, Agricultural Economics, Horticulture, and may include other Technical Agriculture areas.
   c. Mechanical Technology..... 15 sem. hrs.
      Mechanical Technology courses shall include credit in Engineering and other courses which will lead toward proficiency in teaching mechanical skills.

3. Professional Education Requirements

   a. Professional Education..... 21 sem. hrs.
   b. Must include courses in (1) Study

of the school, of the learning processes, and of teaching. (2) Directed Teaching (6 sem. hrs.) The above three courses must have Secondary Educational prefixes.

c. At least nine hours must have Vocational Education or Agricultural Education prefixes and six of these hours must have "Method" in the title.

B. DISTRIBUTIVE EDUCATION*

1. General Education Requirements

   a. English (excluding Speech, Journalism and Humanities)..... 12 sem. hrs.
      (Effective September 1, 1980 will include a course in Oral Communication and exclude Journalism and Humanities)
   b. Biological Sciences, Physical Science, and Mathematics (one course in each)..... 9 sem. hrs.
   c. Social Studies (including a course in U. S. History and a course in U. S. Government)..... 12 sem. hrs.
   d. Physical Education (including Health & Safety)..... 6 sem. hrs.
   e. Electives (in fields other than major)... 9 sem. hrs.

2. Specialization Requirements - 24 sem. hrs.

   a. Economics
   b. Accounting
   c. Management
   d. Advertising
   e. Salesmanship
   f. Retail Store Management
   g. Introduction to Marketing
   h. Business Communications

3. Professional Education Requirements

   Education must include: History and Principles of Vocational Education, Coordination of Distributive Education programs, Distributive Education Workshop, (1) study of the school, of the learning processes, and of teaching, and (2) Directed Teaching -- six (6) semester hours.**

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*Can be effective immediately, but will be mandated September 1, 1984. This is not retroactive.

**Three years successful teaching experience, as verified by employing superintendent may be accepted in lieu of directed teaching.

4. Occupational Experience

One year of gainful employment in a distributive occupation. Three thousand hours of gainful part-time employment in a distributive occupation may be substituted for 2,000 hours of full-time employment.

C. INDUSTRIAL ARTS*

Bachelor's degree with a major of 24 semester hours of Industrial Education Shop and Drafting courses.

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*Will no longer be available after September 1, 1984. See Industrial Education I and II.

D. INDUSTRIAL EDUCATION I - Multi-Area Lab - Non-Vocational*

1. General Education Requirements

a.	English (excluding Speech, Journalism and Humanities)..... (Effective September 1, 1980 will include a course in Oral Communication and exclude Journalism and Humanities)	12 sem. hrs.
b.	Biological Sciences, Physical Science, and Mathematics (one course in each).....	9 sem. hrs.
c.	Social Studies (including a course in U. S. History and a course in U. S. Government).....	12 sem. hrs.
d.	Physical Education (including Health & Safety).....	6 sem. hrs.
e.	Electives (in fields other than major).....	9 sem. hrs.

2. Specialization Requirements - 30 semester hours

Coursework well distributed over the following areas: Industrial Crafts, Drafting Design, Electricity-Electronics, Graphic Arts, Metal Technology, Plastics, Power Mechanics, or Wood Technology.

3. Professional Education Requirements - 18 semester hours

Education must include: (1) study of the school, of the learning processes, and of teaching, and (2) Directed Teaching -- six (6) semester hours.**

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*Can be effective immediately, but will be mandated September 1, 1984. This is not retroactive.

**Three years successful teaching experience, as verified by employing superintendent may be accepted in lieu of directed teaching.

E. INDUSTRIAL EDUCATION II - Single-Area Lab - Vocational or Non-Vocational*

1. General Education Requirements

   a. English (excluding Speech, Journalism & Humanities)..... 12 sem. hrs.
   b. Biological Sciences, Physical Science, and Mathematics (One course in each)..... 9 sem. hrs.
   c. Social Studies (including a course in U. S. History and a course in U. S. Government)..... 12 sem. hrs.
   d. Physical Education (including Health & Safety)..... 6 sem. hrs.
   e. Electives (in fields other than major)..... 9 sem. hrs.

2. Specialization Requirements - 30 semester hours

   Drafting, Electricity/Electronics, Graphic Arts, Metal Technology, Plastic Technology, Power and Automotive Mechanics, Wood Technology. Thirty (30) semester hours in the field with six (6) semester hours in the area taught.

3. Professional Education Requirements - 18 semester hours

   Education must include: (1) study of the school, of the learning processes, and of teaching, and (2) directed teaching -- six (6) semester hours.**

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*Can be effective immediately, but will be mandated September 1, 1984. This is not retroactive.

**Three years successful teaching experience, as verified by employing superintendent may be accepted in lieu of directed teaching.

F. TRADE

1. Six-year certificate: Nine semester hours, or 90 clock hours, in professional vocational education courses, such as methods, course organization, history and principles, shop organization. Sufficient training and/or experience to qualify as a journeyman in the trade to be taught.

2. Renewal: Six weeks work experience in the trade. Three weeks professional or technical course related to the teaching job.

G. VOCATIONAL HOME ECONOMICS*

A qualified teacher of Vocational Home Economics shall be a graduate of a four-year college course in Home Economics or Home Economics Education from an institution approved by the State Board of Education for the training of Vocational Homemaking teachers. The teacher shall have not fewer than 120 semester hours and shall meet the following minimum requirements for certification.

1. General Education Requirements

   a. Related Art..... 6 sem. hrs.
   b. English (excluding Speech, Journalism and Humanities).....12 sem. hrs.
      Effective September 1, 1980 will include a course in Oral Communication and exclude Journalism and Humanities
   c. Natural Sciences (including Biological Sciences, Physical Sciences and Mathematics--one course in each).....12 sem. hrs.
   d. Social Studies (including a course in U. S. History and U. S. Government).....12 sem. hrs.
   e. Physical Education (including Health & Safety)..... 6 sem. hrs.

2. Professional Education.....18 sem. hrs.

3. Technical Home Economics Courses

   Human Development & the Family..... 6 sem. hrs.
   (Observation and participation in nursery school required in the six hours)
   Housing, Furnishings, Equipment..... 3 sem. hrs.
   Consumer Education and Home Management..... 6 sem. hrs.
   (Courses in Consumer Education and Home Management Residence required)
   Food, Family Meals, Nutrition..... 6 sem. hrs.

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*Will no longer be available after September 1, 1984. See Vocational Home Economics and General Home Economics.

Clothing and Textiles..... 6 sem. hrs.
Home Economics Electives..... 5 sem. hrs.

4. Home Economics graduates of accredited institutions which are not approved for training Vocational Home Economics teachers may be certified by taking courses in Child Development (with nursery school observation and participation), Methods in Home Economics, and Directed Teaching in Home Economics from an institution approved for training homemaking teachers for vocational programs.

H. VOCATIONAL HOME ECONOMICS-CONSUMER AND HOMEMAKING EDUCATION*

A qualified teacher of Vocational Home Economics shall be a graduate of a four-year college course in Home Economics or Home Economics Education from an institution approved by the State Board of Education for the training of Vocational Home Economics teachers. The teacher shall have not fewer than 120 semester hours and shall meet the following minimum requirements for certification.

1. General Education Requirements

   a. Related Art..... 6 sem. hrs.
   b. English (excluding Speech, Journalism and Humanities)..... 12 sem. hrs. Effective September 1, 1980 will include a course in Oral Communication and exclude Journalism and Humanities
   c. Natural Sciences (including Biological Sciences, Physical Sciences and Mathematics--one course in each)..... 12 sem. hrs.
   d. Social Studies (including a course in U. S. History and U. S. Government)..... 12 sem. hrs.
   e. Physical Education (including Health & Safety)..... 6 sem. hrs.

2. Professional Education - 18 semester hours. Must include Methods in Teaching Home Economics, and Directed Teaching in Home Economics. (Must also include experience in working with disadvantaged and handicapped students).

3. Technical Home Economics Courses - 32 semester hours

   Family Relationships
   Child Development (observation and participation in nursery school required)..... 6 sem. hrs.

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*Can be effective immediately, but will be mandated September 1, 1984. This is not retroactive.

Housing, Home Furnishings, and Equipment..... 6 sem. hrs.
Food, Family Meals and Nutrition..... 6 sem. hrs.
Textiles and Clothing..... 6 sem. hrs.
Home Management Laboratory (Required)
Consumer Education (Required)..... 6 sem. hrs.
Home Economics Electives..... 2 sem. hrs.

I. GENERAL HOME ECONOMICS-CONSUMER AND HOMEMAKING EDUCATION*

A qualified teacher of General Home Economics shall be a graduate of a four-year college course in Home Economics or Home Economics Education. The teacher shall have not fewer than 120 semester hours and shall meet the following minimum requirements for certification.

1. General Education Requirements

   a. Related Art..... 6 sem. hrs.
   b. English (excluding Speech, Journalism and Humanities).....12 sem. hrs. Effective September 1, 1980 will include a course in Oral Communication and exclude Journalism and Humanities

   c. Natural Sciences (including Biological Sciences, Physical Sciences and Mathematics--one course in each).....12 sem. hrs.
   d. Social Studies (including a course in U. S. History and U. S. Government).....12 sem. hrs.
   e. Physical Education (including Health & Safety)..... 6 sem. hrs.

2. Professional Education - 18 semester hours. Must include Methods in Teaching Home Economics, and Directed Teaching in Home Economics. (Must also include experience in working with disadvantaged and handicapped students).

3. Technical Home Economics Courses - 32 semester hours

   Family Relationships
   Child Development (observation and participation in nursery school required)..... 6 sem. hrs.

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*Can be effective immediately, but will be mandated September 1, 1984. This is not retroactive.

Housing, Home Furnishings, and Equipment	6 sem. hrs.
Food, Family Meals and Nutrition	6 sem. hrs.
Textiles and Clothing	6 sem. hrs.
Home Management Laboratory (Required)	
Consumer Education (Required)	6 sem. hrs.
Home Economics Electives	2 sem. hrs.

J. ADULT EDUCATION*

1. A Bachelor's degree from a fully accredited college or university.

2. General Education Requirements**

a.	English (excluding Speech, Journalism & Humanities)..... (Effective September 1, 1980 will include a course in Oral Communication and exclude Journalism and Humanities)	12 sem. hrs.
b.	Biological Sciences, Physical Science, and Mathematics (one course in each).....	9 sem. hrs.
c.	Social Studies (including a course in U. S. History and a course in U. S. Government).....	12 sem. hrs.
d.	Physical Education (including Health & Safety).....	6 sem. hrs.
e.	Electives (in fields other than major).....	9 sem. hrs.

3. Professional Requirements

Completion of 18 graduate and/or undergraduate semester hours in Adult Education from the content areas listed below. These hours must include courses from the following content areas: Foundations of Adult Education, Adult Learning Processes, Methods and Materials in Adult Education and Directed Teaching (undergraduate)-6 semester hours/Internship-(graduate)-3 semester hours in Adult Education.

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*Effective immediately, but will be mandated September 1, 1984.

**Persons assigned to teach Adult Basic Education must have 6 semester hours in Reading, and 6 semester hours in Math. Persons assigned to teach General Adult Education must have 9 semester hours in the subject taught.

NOTE: FOR PERSONS WHO HOLD A VALID ARKANSAS TEACHER'S CERTIFICATE

Completion of 12 graduate and/or undergraduate semester hours in Adult Education distributed in at least three of the eight content areas listed below:

a. Foundations of Adult Education
b. Adult Learning Processes
c. Teaching Reading to Adults
d. Methods and Materials in Adult Education
e. Administration of Adult Education
f. Evaluation in Adult Education
g. Current Issues in Adult Education
h. Directed Teaching/Internship in Adult Education*

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*Three years successful work experience in Adult Education, as verified by employing superintendent, may be accepted in lieu of 6 semester hours of Directed Teaching or 3 semester hours of Internship.

K. JUNIOR ROTC CERTIFICATION

If the Armed Services certifies that an applicant has completed their program of instruction for a Commissioned ROTC Officer and will state so in writing, he will be eligible for a six-year Vocational Junior ROTC Permit. A Superintendent of schools will also have to state that this person will be employed if he is issued a certificate. (This is for the teaching of ROTC only and cannot be used as a teaching certificate to do any other type of teaching).